

Inside Wallops

National Aeronautics and Space Administration
Goddard Space Flight Center
Wallops Flight Facility, Wallops Island, Va.

Volume XX-06 Number 33

September 18, 2006



Antarctica Service Medals Awarded to Balloon Team

The National Science Foundation recently presented the Antarctica Service Medal of the United States of America for Service in Antarctica to:

Alex Coleman
Ted Daisey

Jeff Reddish
Ralph Selby
Mike Smolinski

Fritz Stapf
John Waterfield

In recognition of valuable contributions to exploration and scientific achievement under the U.S. Antarctic Research Program.

The Wallops team was in Antarctica to support launch and recovery operations for the Cosmic Ray Energetics And Mass (CREAM) scientific balloon mission from the National Science Foundation's McMurdo Station.

The record-breaking flight lasted for nearly 42 days, making three orbits around the South Pole. Members of the team were in Antarctica from November 2004 to February 2005.

The Antarctica Service Medal was established by Act of Congress (Public Law 86-600, 86th Congress) on July 7, 1960. Administratively, the Antarctica Service Medal is a Department of Defense service medal.

The medal is awarded to members of Antarctic expeditions and personnel of the permanent Antarctica stations or for service in contiguous waters, starting with the United States Navy Operation "Highjump" under the late Rear Admiral Richard Byrd beginning January 2, 1946.



It is awarded to officers and enlisted men of the armed forces and to deserving civilians, such as scientists and polar experts.

Subsequent to June 1, 1973, a minimum period of 30 days of service at sea or ashore south of 60 degrees latitude was required.

Each day of duty at an outlying station on the Antarctic continent will count as 2 days when determining award eligibility.

Effective July 1, 1987, flight crews of aircraft providing logistics support from outside the Antarctic area may qualify for the award after 15 missions. Days need not be consecutive.

A "Wintered Over" clasp is awarded to those who have spent the winter months (March through October) in Antarctica.

A bronze clasp (or miniature Antarctic continent device on the service ribbon) signifies one winter; gold two and silver three or more winters.

A Good Day to go to the Beach

It was a beautiful, sunny day - a great day to go the beach. Rather than enjoying a relaxing day, a group of 30 volunteers took to Wallops Island on September 9 to clean the beach.

Each year during September, Wallops takes part in the International Coastal Cleanup that has grown into a major worldwide event.

Last year, over 300,000 international volunteers lent a hand to clean up litter and marine debris from the shores, lakes and rivers of nearly 90 nations, from Argentina to Vietnam. In many of those countries, the effort is growing.

Although 1,360 pounds of debris was collected from the Wallops beach, the annual cleanup isn't just about picking up trash and debris. Volunteers also collect information about the items they find.

This data is given to The Ocean Conservancy. The Ocean Conservancy then compiles and studies the data to learn more about the global debris problem and to educate the public.

Thanks to the following volunteers:

Regena and Herb Haugh

Marilyn and Irvin Ailes

Charles McGahagin

Will, Jacob and Emily Mast

Matt and Teri Vaughn

Shari, Jessica, Rachel and Hannah Silbert

T. J. Meyer

Joel, Megan, Gracey and Katie Mitchell

Carolyn, Eric, Natalie and Brendan Turner

Michael, Ryan and Mallory Hooks

Celebrate Wallops Day ----- October 5, 2006 Arts & Crafts Show

If you hunt arrow heads, we want to see your collection.

If you are an author, we want to buy your book.

If you are a basket weaver, we want to watch you weave a basket.

If you collect old bottles, we want to see your collection and hear about local bottling companies.

If you design and play computer games, we want to play your game.

If you are a duck carver, we want to watch you carve.

If you are a painter, we want you to paint a picture.

If you are a quilter, we want you to stitch and tell us about your pattern.

If you are a sailor, we want to see photos of your boat and hear about your sailing experiences.

Sign up now to showcase your hobbies and talents from 11 a.m. to 1 p.m.

For more information, call Terry Ewell at x1133 or E-mail terry.a.ewell@nasa.gov



Free-space Laser Communications Concepts for NASA

Presented by Dr. Michael Krainak

September 27

10 a.m. - Noon

Wallops video-conference in Building F6, Room 110

This course will give a very brief introduction to free-space laser communications concepts for NASA planetary satellite applications. Topics include the link equation, direct detection, pointing acquisition and tracking, error correction encoding, optics, laser transmitter, and optical receiver. There will also be an overview of past and current free-space laser communications hardware and programs.

Persons interested in attending should contact Tina Wessells at x2110 or by email: Tina.Wessells@nasa.gov

September Events at the Visitor Center

Saturday, September 23rd: "Sun-Earth Connections" children's program

Celebrate the recent equinox by learning all about our sun and how it affects us on Earth.



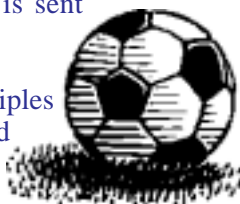
Following the presentation, each child will make their very own functional sundial. Materials will be provided by the Visitor Center. This program begins at 1 p.m. and will last 45 minutes.

Saturday September 30th: "Toys in Space" video

Take a journey off our planet to the International Space Station, where crews conduct science experiments high above the Earth!

In this video, toys are gathered from around the world and sent up to the station to become science experiments. What will happen when a top is sent spinning in space? How can you play soccer in space?

Find out in this fun and informative video, where physics principles are put to the test in space. This program will begin at 1 p.m. and will last 35 minutes.



Admission to Visitor Center programs is free. For further information call x2298.

Wallops Shorts.....

In the News

Palm Beach Post, "Storm 2006 Unmanned Drones"

Reuters, "Unmanned Drones in Florida to Penetrate Hurricanes"

Key Noter, "Keys at Heart of 'cane Research"

Eastern Shore Post, "Wallops Earns State Recognition"



SEPT. 28 - OCT. 8 '06

The Richmond (Va.) Raceway Complex

Coupons good for \$4 off on one \$21.99 Super Ticket are now available at the Exchange Store, Building E-2.

Call Karen Shannon at x2020 for more information or visit: <http://www.statefair.com/site.asp>

How about a Massage?

Amy Eckard, Massage Therapist from Massage Away, will be at Wallops on Monday September 25. She will be offering chair massage, by appointment, in the Building E-2, Conference Room from 10 a.m. to 2 p.m. The cost is \$1.00 per minute.

Decide how many minutes you want and schedule for that length of time. Payment will be due at the time of your massage. Privacy is provided.

Call the Health Unit at x1266, by Friday afternoon, September 22, to schedule an appointment.

Inside Wallops is an official publication of Goddard Space Flight Center and is published by the Wallops Office of Public Affairs, Extension 1584, in the interest of Wallops employees. Recent and past issues of *Inside Wallops* also may be found on the NASA Wallops Flight Facility homepage: www.wff.nasa.gov

Editor
Asst. Editor

Betty Flowers
Rebecca Hudson